**Amendments to the Specification:**

Please replace the paragraph beginning on page 9, line 22 with the following amended paragraph:

As illustrated in FIG 5, ~~It~~ it is possible to combine the coil in accordance with the invention with a magnetic lens, or to provide two perpendicular arranged antennas with two orthogonal arranged coils in accordance with the invention to form a two-dimensional antenna 500, including a coil 502 and a further coil 504. The coil 502, in one embodiment, includes a winding around a permeable material 4, the winding extending in a plane perpendicular to the surface A of a substrate 1. In certain embodiments, the further coil 504 is a conductor arranged around the permeable material 4 in a plane substantially parallel to the surface A the substrate 1. If multiple coils/antennas are ~~presents~~ present, it is possible to switch to the coil/antenna which gives the best signal condition. If the coil/antenna is completely integrated in the integrated circuit IC, no external connections or components are required and an excellent impedance matching between the coil/antenna and the on-chip circuitry is possible. Further, the spread of the magnetic field will be very small. The coil/antenna may be used to induce magnetic energy into RF-tags or chips in disc like functions either by a varying magnetic field or by permanent magnets. This magnetic energy is used to generate a power supply voltage in the receiver.